

IN THE CLAIMS

1. (Currently amended) A door ~~[[Door]]~~ for an automated machine, comprising a door chassis delimiting an opening and equipped with guide means for the movement of at least one mobile panel, between a closed position in which ~~[[the]]~~ a façade of the mobile panel at least partly closes the opening and an open position in which the mobile panel is located laterally with respect to the opening, wherein the mobile panel comprises:

a reception structure and a man-machine interface mounted to the reception structure, a façade of the man-machine interface ~~for a man-machine interface for which the façade is accessible~~ when the mobile panel is in the closed position, and

a means for displacing the reception structure ~~[[displacement means]]~~ assuring that when the mobile panel is in the open position, the façade of the man-machine interface is positioned ~~[[moved towards the opening]]~~ so that an operator in position in front of the opening can access the opening and the man-machine interface at the same time.

2. (Currently amended) The door ~~[[Door]]~~ according to claim 1, wherein the reception structure displacement means are composed of ~~[[displacement guide]]~~ means for sliding and pivoting the mobile panel ~~that slide and pivot the mobile panel~~ thus ensuring that the mobile panel façade is facing the opening when the mobile panel is in the open position.

3. (withdrawn) The door ~~[[Door]]~~ according to claim 1, wherein the reception structure displacement means are composed of means ~~[[capable of]]~~ for pivoting the reception structure ~~[[of the man-machine interface]]~~ such that the façade of the man-machine interface is accessible when the mobile panel is in the closed position or the open position.

4. (Currently amended) The door [[Door]] according to claim 1, wherein the reception structure displacement [[guide]] means enable the façade of the man-machine interface to move into a plane forming an angle with the plane delimited by the opening equal to between 40° and 135°, ~~and preferably between 60° and 110°.~~

5. (Currently amended) The door [[Door]] according to claim 1, wherein the reception structure displacement [[guide]] means enable the façade of the man-machine interface to move into a plane approximately perpendicular to the plane delimited by the opening.

6. (withdrawn) The door [[Door]] according to claim 1, wherein the reception structure displacement [[guide]] means slide and pivot [[a]] the mobile panel and [[consist of]] comprises at least one support and guide rail for at least one roller device fitted on the mobile panel, the mobile panel being connected by a pivot to an extension bar guided in translation along a direction approximately perpendicular to the opening.

7. (Currently amended) The door [[Door]] according to claim 1, wherein the mobile panel comprises first and second mobile panels, and the reception structure displacement means ~~the sliding and pivoting guide means consist of~~ comprises at least one support and guide rail for at least one roller device fitted on [[a]] the first mobile panel hinged to [[a]] the second mobile panel [[installed]] hinged on the chassis, the mobile panels being intended to fold in contact with each other in the open position of the opening.

8. (withdrawn) The door [[Door]] according to claim 6, wherein the reception structure displacement means [[sliding and pivoting guide means]] comprise a support and guide rail called the upper rail arranged in the top part of the chassis and a guide rail called the lower rail arranged in the lower part of the chassis, one supporting the roller device(s), fitted on the mobile panel, and the other supporting a guide device.

9. (Currently amended) The door [[Door]] according to claim 1, wherein the ~~mobile panel is fitted with a~~ man-machine interface [[containing]] includes one or more of machine instrumentation [[and/or]] and control means.

10. (Currently amended) In an automated machine having a door, the improvement comprising a door having a chassis delimiting an opening and equipped with guide means for the movement of at least one mobile panel, between a closed position in which the façade of the mobile panel at least partly closes the opening and an open position in which the mobile panel is located laterally with respect to the opening, wherein the mobile panel comprises:

a reception structure and a man-machine interface mounted to the reception structure, a façade of the man-machine interface ~~for a man-machine interface for which the façade is accessible~~ when the mobile panel is in the closed position, and

a reception structure displacement means assuring that when the mobile panel is in the open position, the façade of the man-machine interface is moved towards the opening so that an operator in position in front of the opening can access the opening and the man-machine interface at the same time.

11. (new) The door of claim 5, wherein the angle is between 60° and 110°.